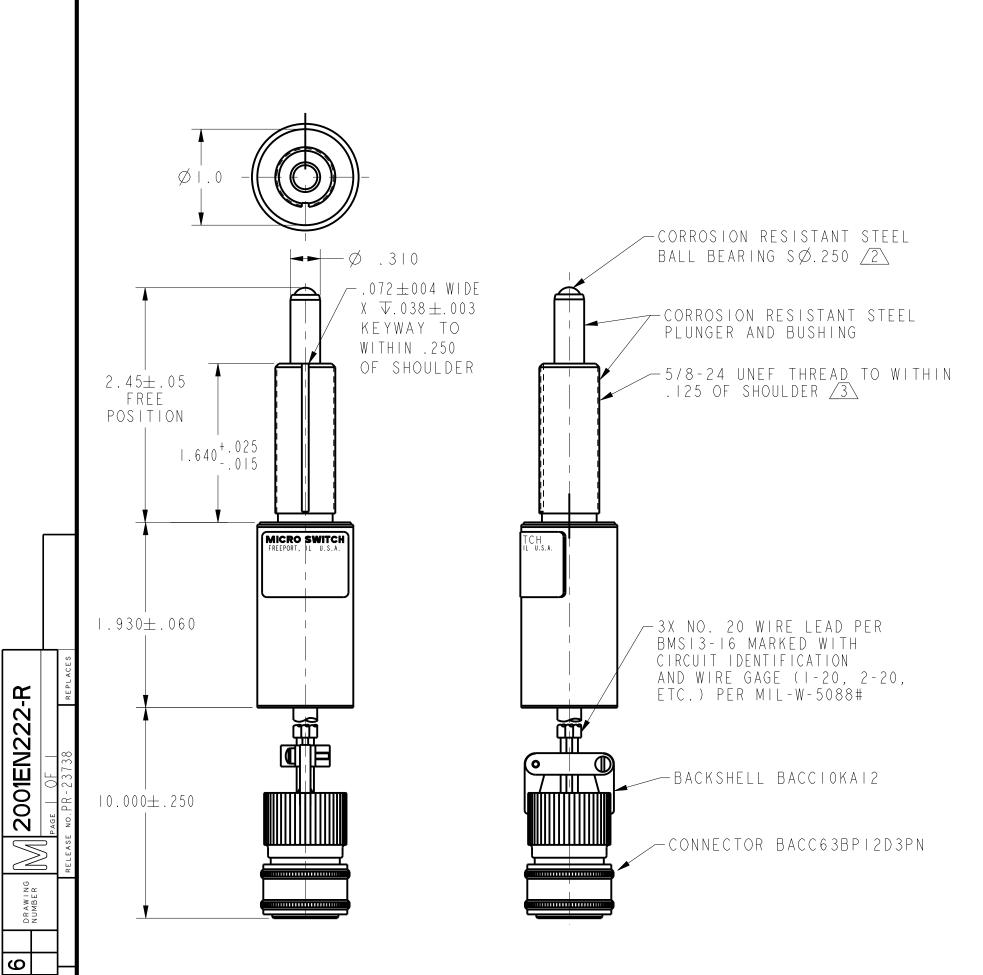


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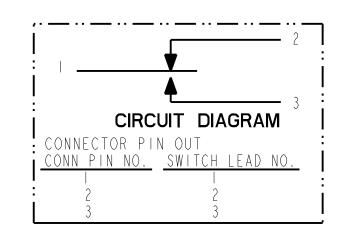
A CO-94985 WJC 2 APR 99 B 0030216

MST 10MAY07 C 0067421 SJK 19JUL10

I - CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE AND FED. MFG. CODE ARE SHOWN ON NAMEPLATE

ROLLER BALL BEARING PLUNGER FOR USE WITH 20° MAX RISE ON CAM OR SLIDE ACTUATION

CADMIUM PLATED BUSHING THREADS PER QQ-P-416C TYPE II CLASS 3. PLATING MUST COVER ENTIRE THREADED AREA OF BUSHING



STANDARD:	CONFORMS TO
CONSTRUCTION:	MS24331-1 (MIL-PRF-8805/40), EXCEPT AS NOTED
ENCLOSURE DESIGN	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4
CONTACT MATERIAL & CONFIGURATION	24K SOLID GOLD OVERLAY
CIRCUIT CONFIGURATION	SPDT
TERMINATION	LEADWIRE PER BMS13-16, CONNECTOR PER BACC63BP12B3PN BACKSHELL PER BACC10KA12
WEIGHT	0.41 LBS MAX
EXPOSED METALS	CORROSION RESISTANT STAINLESS STEEL UNLESS NOTED OTHERWISE
O-RING MATERIAL	SILICONE
ELECTRICAL CHARACTERISTICS:	
ELECTRICAL RATINGS -SEA LEVEL -50,000 FEET	VOLTAGE RESISTIVE INDUCTIVE 28 VDC I AMP .5 AMP 28 VDC I AMP .5 AMP
DIELECTRIC STRENGTH & INSULATION RESISTANCE	DIELECTRIC STRENGTH INSULATION RESISTANCE (≈ 60 Hz. FOR 5 SECONDS) (500 VDC ±10%)
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500μA (MAX LEAKAGE) 1000 Megohms MIN 1000 V Rms, 500μA (MAX LEAKAGE) 1000 Megohms MIN 1000 V Rms, 500μA (MAX LEAKAGE) 1000 Megohms MIN
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	
SWITCH RESISTANCE	N/A
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts	YES
MECHANICAL CHARACTERISTICS:	
CHARACTERISTICS:	
OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	. 040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
<u>OVERTRAVEL</u>	.500 MIN
MOUNTING STRENGTH	15 IN-LBS
ACTUATOR STRENGTH	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION
LIFE:	
MECHANICAL/ELECTRICAL LIFE	50,000 MIN PER BNF04-HSV-C98-046
ENVIRONMENTAL:	
TEMPERATURE RANGE	-55°C TO +85°C
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET
SHOCK	PER MIL-PRF-8805 SYMBOL M - 100 g
VIBRATION	PER BCAG D6-81926, ZONE 5, FIGS 6-1 & 6-5
	PER MIL-PRF-8805 (IO DAY TEST)
MOISTURE RESISTANCE	
THERMAL SHOCK	PER MIL-PRF-8805 (5 CYCLE TEST)
SALT SPRAY	PER MIL-PRF-8805 (96 HOUR TEST)
	I DED MILL DDE 9905 9 MILL STD 303 METHOD 100

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MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929

EXPLOSION

SPECIFICATION DETAILS:

SWITCH - ENCLOSED

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PER MIL-PRF-8805 & MIL-STD-202 METHOD 109

DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE (.0) ± .030 TWO PLACES (.00) ±.015 THREE PLACES (.000) ± .005 ANGLES

WEIGHT

THIRD ANGLE PROJECTION ⊕ - □ -

ANSI YI4.5M-1982 APPLIES